File N

MYSORE GOVERNMENT SECRETARIAT

Notes / Correspondence / Collection

Department.....Section...

Subject :—

Earlier References :—

Later References :—

(Classification A / B / C)

Notes pages.....

Correspondence pages.....

For/Not for Section note Book

To be destroyed after.....

Under Secretary to
Government.

Serial No.	
1)	At portion sidelined 'A' (Page 2) and 'B' it is mentioned the "average level of Reservoir during the month was 1606 feet." Average level a month is only an abstract number without any practical significance. It is the actual minim levels that really matter since they affect pow development at the Dam power House. The minimu level permissible in the case of Munirabad Powe House is 1607 ft. Therefore the actual minimu reached in the month which must be even lower t the average of 1606 was much less than the mini permissible. It needs to be investigated how t was done and why our Electrical Department has specifically laid down this requirement.
2)	At portion side-lined 'C' (Page 3) it has b stated that "Reservoir Discharge was regulated meet requirements below the Dam". Unless thes requirements are specified in details it is not possible to assess the bona fides of these issu However, from other papers of Secretary, T.B.B., is seen he has included 3 lakhs acres of K.C. C as though it were part and parcel of T.B. Proje indicating that most of these issues were for un- authorised purposes. Similarly it is indicate Secretary T.B.B's Working Table that the Power d is for full requirements of machines for all the months irrespective of irrigation needs, thus co tuting tremendous excess draft to the benefit of Andhra Pradesh. Therefore it is necessary to as the Secretary, T.B.B., to give a full account of waters let down with the details of utilisation as to assess the bona fides.

5627
MG-61.

2

File No. 42 METB 61 of 195 .

Mysore Government Secretariat

Serial No.

3. Any silence on these accounts would be interpreted (3
s " tacit acceptance" by Mysore who would loose by

21/6/61
(S.G. BALEKUNDRY)
O.S.D. P.W.D.

MYSORE GOVERNMENT SECRETARIAT
No 4245
21 JUN 1961
P.W.D. (BUILDING SECTION)

BB
23/6/61

y.,Secy. P.W.D.(I).

4. Resubmitted. This may be referred to the Electrical Section with a request to take necessary action on para 1 ante and return the papers to us. This Section (Contd. on page 2)

MYSORE GOVERNMENT SECRETARIAT
No. 5948
30 JUN 1961
ELECTRICAL BRANCH

Sri B.N.N.
29.6.61

29.6.61

5) Elect) 27/6/61.

6) Draft of a letter to the C.E., M.E.C.P. is put up for approval. After issue the file may be returned to M. I. Section

7) Issue

4/7/61.

4/7/61

Issued
Dated 10.7.61

Mysore Government
Secretariat

5627-MG-61

File No. 42 MTB of 1961.

[App. F. III 2

3

Serial No.

8) After receipt of a reply from the C.E., Mc.C.P, the same will be subd to the O.S.D for perusal.

9) This may be returned to the M. I Section w.r to paras 4, 5 & 6 ante.

11/7/61.

M.I. Section) 11/7

11.7.61

10) submitted with reference to paras 2 and 4 ante. The Secy. to B. Board may be addressed in regard to para 2, as per the draft put up for appl.

Done 11/7

+P 11 cl 12

11/7/61 11) The draft may please be perused before issue

16/7/61.

12) PWS) 19/7

Done 19/7

SECRETARIAT
No. MG 1156
19 JUL 1961
PUBLIC WORKS & ELEC. DEPTT.

Despatched in No. P.W.D 42 M.T.B 61
Dated 24th July 61

13) Recommended with reference to para 6 ante. The

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File No. 42 MTB of 1961.

Serial No.	

letter raised by the Electrical section together with its accompaniments are placed below. This may be referred to Elect. Section with a request to return them, taken extract of relevant note portion, and pursue the matter separately.

17/6/61 Electrical) 19/8

21/8/61

14. Reg. para 1 ante, a separate file has been opened in this branch. This may be returned to Mc. I. Section

M.I. Section) 21/8/61

11/8/61

21.8.61

Letter No 6219/B.1/61-1 dt 18/8/61 from the Secy. T.B. Board is submitted for perusal with ref to paras 2-3 ante. This may be referred to Buildings Section with a request to

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MYSORE GOVERNMENT SECRETARIAT
No 7884
8 AUG 1961
ELECTRICAL BRANCH

Serial No.

Two papers at A on PIC clr

*4245/B/61

2618/61 Buildgs) 28/8

28/8/61

16) The reply received from the Secy T.B.B. ~~~~ evades the issues raised in D.S.(I.)'s letter of 25/7/61.× The D.S.'s letter wanted detailed justification for the actual discharges let down by the Board in the past upto the date of their progress Report.× The Secy T.B.B.. presumes a 'bearing' on the case of supplying water for 2nd Crop on Krishna delta for 61-62 (i.e. Jan. 62 to April '62). Thus the Secy T.B.B. is dodging the issue.

× P. 13 C.F.

P. 1 to 10 g C.F.

28/8/61

S. G. PALEKUNDRY,
Officer on Special Duty,
Public Works Department.

OFFICE OF THE ADVISER & ADDITIONAL SECRETARY, TO GOVT. P. W. D.
No. A.IV.180
29 AUG 1961

17) Advisor

Better tell the Secy T. Board that what is required refers to the past action in 60-61 and has to 61-62. He must give details of proposals and justification for 60-61

Secy 2 letters to do with what is proposed

M.S.T. 30/8/61

M. S. THIRUMALE IYENGAR
Adviser to Government, PI...

D. S. (I.)

Serial No. 18

The question of release of surplus waters from the Tungabhadra reservoir for irrigation of second crop in the Krishna delta was taken up separately. In the year 1961, the Chairman had made some ad hoc releases without ~~xxxxxxxxxxxx~~ consulting the members of the Board, in particular the Mysore Member. We had objected to this and we had sent a letter of protest. It was therefore agreed subsequently in the Tungabhadra Board meeting that the releases for 1962 would be made only after preparation of a provisional working table and after agreement between the two Chief Engineers as to the extent of water which would actually be surplus after meeting the requirements of irrigation and power in the Tungabhadra reservoir and atchkat. Accordingly, an ad hoc arrangement has been arrived at for 1962 on the basis of provisional calculation of the surplus available. This is purely a temporary arrangement and will not bind us for future years.

19

So far as the past is concerned, it is of interest only from one point of view, namely, the amount which the Tungabhadra Board can claim by way of compensation for the water released in the past years for the second crop in the Krishna delta. The exact quantum of water released would be relevant if the payments were being made on the basis of the quantity of water released. Unfortunately however, the actual payments are not being made on this basis. Certain provisional amounts have already been credited by the Andhra Pradesh Govt. to the Board's account and these amounts had been intimated to us. When I enquired as to the basis

on which these ~~xxxxxxxxxxx~~ payments were made, I was informed that it was the entire collection made by the Andhra Pradesh Government from the agriculturists for the second crop irrigation in Krishna Delta. I was further told ~~xxxxxx~~ that the Andhra Pradesh Government would have no objection to our representatives going to the concerned Districts like Guntur to ascertain the extent of irrigation of second crop and whether or not the total amount was being credited to the Board's account.

Serial No.

I feel that this mode of payment is not really correct because we are not sure whether the water which we are releasing from the Tungabhadra reservoir is actually being used only in the Krishna delta area. If the entire quantum of water was being used in the Krishna delta, then the method adopted would have been satisfactory but before the water reaches Krishna delta there are likely to be some abstractions mainly on the K.C canal. The K-C canal irrigation was at the time of construction of the Tungabhadra reservoir in the region of 1 lakh acres. Now we are informed that it has gone up to 3 lakh acres. This can only be possible if additional waters were drawn from the river. Therefore we are not being paid for water which is being used in ~~xxxxxxxxxxxxxx~~ the Districts of Kurnool and Cuddapah which are both included in the Krishna delta.

(20)

I have separately recorded a note about this. We shall take up the matter at the Tungabhadra Board meeting and press for a new mode of making payment which we may try to calculate with

(21)

Serial No.

retrospective f effect.

6/2.

P. J. FERNANDES,
Secy., P.W. & Elecy.

MPWE

7/2

H. B. VEERAPPA GOWDE.
Minister for P. W. & Electricity.

SECRETARIAT TO GOVERNMENT
No MD 256
7 FEB 1962
PUBLIC WORKS & ELEC. DEPTT.

22)

MINISTER FOR PUBLIC WORKS
3625
7 FEB 1962
SECRETARIAT

23) O.S.D suppl. see paras 17–21 of the note

O.S.D

8/2

D/F (I)

SECRETARY TO GOVERNMENT
No.....
8 FEB 1962
PUBLIC WORKS & ELEC. DEPTT.

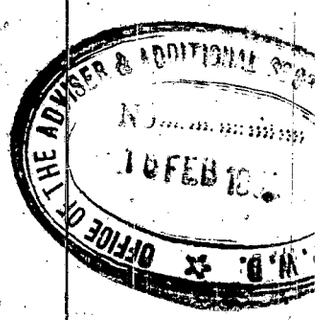
24) As discussed separately in detail on file TN/18 BRA-61, in a note dated 15.2.62, it is not the 2nd crop that is so important, but the first crop extension to the extent of 1½ lakhs acres or so on Krishna delta & about 2¼ lakhs acres on K-C canal developed by means of power releases in excess of T.B. irrigation needs plus some deliberate spillages from the T.B. Spillway. In all probabilities the revenues credited to T.B. Board by A.P. Govt. for 2nd crop in Krishna delta ~~do~~ may be representing the actual realisations & any checking thereof may not result in additional collections

MYSORE GOVERNMENT SECRETARIAT
No 898
9 FEB 1962
P. W. D. (BUILDING SECTION)

Serial No.

that is really being lost to the Board in consequence to Mysore & Mysore lands the revenues on the 1st crop to the extent of about 3 3/4 lakhs acres plus the 2nd crop on K.C. canal. Therefore the problem needs to be tackled in a comprehensive way taking all this into account, as already proposed.

So long as we stand committed to (25
& interested in
the power releases in excess of the T.B. irrigation needs, it might go very difficult to argue that either (i) either must A.P. must pay for that water or (ii) should not utilise it i.e. allow it to go to waste in the Bay of Bengal. Therefore tackling this problem seriously involves us into taking an extreme position of foregoing power benefits in excess of irrigation needs at T.B. canals. There may not be any alternative to this, as otherwise the A.P. would not only get away with the free irrigation but would be in a position to claim it as a prescriptive right in a few years



18/2/61

S. G. BALEKUNDRY,
Officer on Special Duty
Public Works Department.

GPB—PZS—8.00

10

Mysore Government
Secretariat

File No. 42 MTB of 1961. Dpp. F. 112

PWD 898/862

Serial No.

The position, as explained by the Secretary, seems to be substantially correct. When the matter is taken up by the Secretary with the Board, the points mentioned by the O.S.D. would also come up for discussion.

mel 20/2

(M.S. Thirumale Iyengar),
20-2-1962.
Adviser to Govt., P.W.D.

Secy., P.W.D.

CS + MPWE may see this for information

21/2

P. J. FERNANDES,
Secy., P.W. & Elecy.

22/2/62

CS

MPWE

Resubmitted. This will be placed with the main file. No PWD 26 MTB 61 re. Irrigation-Cauvery Delta. It was submitted ... This may be shown to O.S.D before action is taken as proposed in para 3a above.

5.3.62

3/3/62

O.S.(E.)

12/3/62

12.3.62

27.2.62

OFFICE OF THE ADVISER & ADDITIONAL SECRETARY TO GOVT. P.W.D. No. 2[illegible]/62 20 FEB [illegible]

OFFICE OF THE SECRETARY TO GOVERNMENT P.W.D. No. 1352 20 FEB 1962 WORKS & ELEC. DEPTT.

CHIEF SECRETARY. No. 1393. 22 FEB 1962 GOVERNMENT OF MYSORE

OFFICE OF THE MINISTER FOR PUBLIC WORKS & ELECTRICITY 3702 22 FEB 1962

SECRETARIAT No. [illegible] 20 FEB 1962 PUBLIC WORKS & ELECTRICITY DEPTT.

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

Dated 13-6-1961.

Letter No. M.... G/A-1/61-7.

From

[illegible]
Secretary,

To

The Secretary to the Government
of India,
Ministry of Irrigation & Power,
[illegible]

SECRETARY TO GOVERNMENT
No. 7
15 JUN 1961
PUBLIC WORKS & ELEC. DEPTT.

Dis (9)

Sub:- Periodical and progress report due to Central Water Commission for G/A1--regarding.

Ref:-

I am directed to forward herein the following reports on the works relating to the Tungabhadra Project and Hydro-Electric Scheme of the Tungabhadra Project which are under the control of this Board:

1. Progress & Progress report of Irrigation Project for G/A1.
2. Quarterly report for G/A1
3. Irrigation Statement for G/A1.
4. Progress & Progress report of Hydro Electric Scheme for G/A1.

86.

MYSORE GOVERNMENT SECRETARIAT
No. 562
16 JUN 1961
PUBLIC WORKS MAJOR IRRIGATION BRANCH

Encls:- 4.

MYSORE GOVERNMENT SECRETARIAT
No. 4215
20 JUN 1961
P. W. D. (BUILDING SECTION)

16/6/61.

Yours faithfully,

(S. Venkata)
Secretary,
Tungabhadra Board.

Copy together with copies of enclosures is forwarded to:-

1) The Chairman & Members of the Board.
2) The Secretary to Government of Andhra Pradesh, Irrigation Department, Hyderabad.
3) The Secretary to the Government of Madras Public Works (Irrigation) Department, Bangalore.
4) The Chief Engineer, Central Water & Power Commission, New Delhi.

Encls:- 4.

Submitted for perusal.
May also be returned to HOSD.

17/6/61

17/6/61

[illegible] 6/61 [illegible] IN [illegible] ACTUAL [illegible]
OF THE [illegible]

==:::::::==

[illegible]: The water level of the reservoir was maintained at 20[illegible] on average during the month and water was supplied to the [illegible] portions of Low Level Canal.

[illegible]: A statement showing the progress of work on the High Level Canal is enclosed herein.

The following amounts were spent during and upto end of 6/61:

		Low Level Canal.	High Level Can[al]
Upto 4/61 ..		10,[illegible]	2,24,10,476
During 6/61 ..	(-)	1,[illegible]47	7,5[illegible],60[illegible]
Total ..		10,[illegible]	[illegible],31,64,185

[illegible]

The [illegible] House and [illegible] House continued to generate power during 6/61. Work [illegible] the construction of third and fourth penstock pipes [illegible] House is in progress.

The following amount was spent during and to end of 4/61:

Expenditure to end of 4/61 [illegible] ..		6,46,72,602
Expenditure during 6/61.	(-)	27,300
		6,46,55,302

PROFORMA I (A) PROGRESS CHART - SUBSIDIARY PROJECT HIGH LEVEL CANAL CENTRE FOR PHYSICAL GEOLOGY. 1961.

ORIGINAL PROJECT : HIGH LEVEL CANAL

ANNUAL INSTALMENT : Ist, IInd, IIIrd, IVth

HYDRO-GRAPHS OF WELL DIVISION : This is not a Project involving prepration of Hydro-graphs of the river.

Item No:	Item of Work :	Total Estimated quantity.	Unit.	Percentage cost of item to total cost	Date of completion.	Particulars :	1961.
1.	2.	3.	4.	5.	6.	7.	8.
1.	Excavation of Canal from M.0/0 to Mile 68-6-0.	4,04,000 Units of 1000 Cft.	1,000 Cubic-foot.	60.25	1963-64	(a) Target periodical quantities.	10,100 Units Monthly
						(b) Target cumulative quantities.	1,21,200 (1961-62)
						(c) Programme	
						(d) Actual periodical quantities.	
						(e) Actual cumulative quantities	120,293
						(f) Percentage. Actual Quantity/Cumulative Quantity.	12,930 / 20,200 = 63.5
						(g) Percentage/Cumulative.	1,20,293 / = 99.7

Actual/Cumulative-

2. CONSTRUCTION OF MASONRY WORKS.

(a) G. Bridges.	40	One	5.75	1962-63	Number of Masonry works taken up
(b) Cross Drainage-orks.	60	One	18.2	1963-64	Number complete

NARRATIVE:

All the designs are attended to in the Superintending Engineer's Office only. The land acquisition work is attended by the State authorities. There were no accidents during the month. No earth-moving machinery is put on the job.

Progress in respect of items of work other than High Level Canal; but relating to the Project System, the First Phase of which is completed is furnished below :-

The F.R.L. of the Reservoir during the month was 1606.00 on avefage. Reservoir discharge was regulated to meet requirements below the Dam. The Dam and appurtenances were maintained and scheduled discharges were let down in the Canal. The Low Level Canal was closed for annual Closure work. The Middle Income Group Rest House was completed.

EXPENDITURE FIGURES:

	Low Level Canal Rs	High Level Canal. Rs
Upto 4/1961 (End)	16,88,20,056	1,24,10,476
During 5/1961 (-)	1,047	7,53,609
TOTAL:-	16,88,19,009	1,31,64,085

Narrative report to accompany the Monthly progress report on works for April, 1961 (Irrigation Branch), T.B.Board.

--:0:--

Low Level Canal.	High Level Canal.
	a) Designs: The designs are attended to in the Circle Office itself.

b) Land acquisition:

(This is being attended to by the Mysore State authorities).

c) Labour welfare etc.:

(Adequate amenities to the labour employed were provided).

d) Accidents:

(There were no accidents during the month)

e) Working of Machinery:

Low Level Canal	High Level Canal
Earth-moving machinery is missioned.	A few compressors are commissioned for rock drilling work in Canal excavation and they are working satisfactorily.

f) Working of Research Laboratory:-

(No Research laboratory is attached to the Project)

g) Training fecilities:

(A few Civil Engineering Graduates can be trained)

h) Information of General Interest:

A Review of work done is appended to the Narrative Report. The Middle Income Group Rest House was completed. The canal was closed for annual closure works on 21-4-1961.

Ayacut Development.

	Dry:	Wet.	Perennial.	Total.
M y s o r e.	14,750.00	23,400.00	11,850.00.	50,000.00.
Andhra Pradesh.	61,135,58.	47,459.50	-	108,598.08.
			Grand Total:	158,598.08.

Paragraph on Labour:

Information on the various categories of labour employed is furnished below:-

Technical.	Ministerial.	Skilled.	Un-skilled.
128 Numbers.	268 Numbers.	(----- 8,100.---------	)

Rehabilitation works in progress during the month.

Works taken up continued to register satisfactory Progress during the Month

Review Statement for 4/61:

Reach:	Estimated quantity.	Progress to the end of last Month.	Progress During the Month.	Total.
1.	2.	3.	4.	5.
	1,000 cft	1,000 cft	1,000 cft	1,000 cft.
1. 0/0 to 0/4.	3,763.	3,510.	50.	3,560.
2. 0/4 to 1-2-570.	7,801.	5,850.	60.	5,910.
3. 1-2-570 to 2-0-378.	5,025.	5,612.	40.	5,652.
4. 2-0-578 to 3-2-351.	9,240.	5,840.	350.	6,190.
5. 3-2-351 to 3-6-21.	5,190.	5,727.	60.	5,787.
6. 3-6-21 to 4-6-416.	5,643.	3,380.	80.	3,460.
7. 4-6-416 to 5-6-330.	6,220.	5,166.	120.	5,286.
8. 5-6-330 to 6-6-0.	6,330.	6,093.	120.	6,213.
9. 6-6-0 to 7-4-0(9-2-330)	7,506.	5,342.	180.	5,522.
10. 9-2-330 to 10-4-110.	6,783.	2,465.	100.	2,565.
11. 10-4-110 to 11-7-136.	(Work not yet commenced in these reaches)			
12. 11-7-136 to 12-7-429.	6,635.	1,200.	200.	1,400.
13. 12-7-429 to 13-7-39.	(------ Work not yet started--------)			
14. 13-7-39 to 15-1-479.	6,054.	1,100.	450.	1,550.
15. 15-1-479 to 16-0-343.	9,840.	4,550.	175.	4,725.
16. 16-0-343 to 16-4-561.	2,907.	2,235.	20.	2,255.
17. 16-4-561 to 17-1-204.	5,140.	1,700.	-	1,700.
18. 17-1-204 to 18-0-204.	4,680.	2,800.	-	2,800.
19. 18-0-204 to 20-4-319.	(------Work not yet started------)			
20. 20-4-319 to 22-7-330.	9,484	5,000. 1,000.	800 300	5,800. 1,300.
21. 22-7-330 to 23-7-430.	4,881.	-	1,000.	1,000.
22. 23-7-430 to 25-2-69.	(------Work not yet started------)			
23. 25-2-69 to 25-5-39.	Daroji Tunnel. Exit cut is in progress. Work done so far is 1,250 units.			
24. 25-5-39 to 33/0.	(------Work not yet started------)			
25. 33-0-0 to 34-5-110.	12,665.	300.	80.	380.

(Continued on next sheet).

1.	2.	3.	4.	5.
26. 34-5-110 to 35-2-110.	(------ Work not yet started------)			
27. 35-2-110 to 38-1-0.	16,429.	4,030.	410.	4,440.
28. 38-1-0 to 38-4-30.	1,334.	700.	20.	720.
29. 38-4-30 to 41-6-30.	13,193.	1,481.	159.	1,640.
30. 41-6-30 to 55-2-231.	(Work in this stretch has not been started)			
31. 55-2-231 to 56-4-451.	6,970.	4,300.	350.	4,650.
32. 56-4-451 to 57-4-451.	6,663.	4,302.	250.	4,552.
33. 57-4-451 to 58-5-330.	-	-	-	-
34. 58-5-330 to 59-6-0.	4,841.	-	661.	661.
35. 60-2-200 to 61-0-330.	3,154.	2,200.	30.	2,230.
36. 61-0-330 to 63-6-600.	11,227.	1,400.	370.	1,770.
37. 63-6-600 to 63-7-430.	1,428.	1,330.	80.	1,410.
38. 63-7-430 to 67-3-00.	(Work not yet started in this stretch).			
39. 67-3-00 to 68-6-00.	3,945.	2,420.	180.	2,600.

for Superintending Engineer,
(Irrigation Branch), T.B.Board,
Tungabhadra Damsite, (Hospet)

PROGRESS REPORT FOR May' 1961. :: EXPENDITURE STATEMENT.

..ame of Work :	Estimated Cost.	Expenditure to end of last financial year (i.e)upto 3/60. Final/ Preliminary.	Budget: Revised/ Estimate Final/Modi fication for 61-62.	Expenditure up to the end of previous month.	Programmed expenditure during the Month :	Actual expenditure during the Month.	Total actual expenditure during the last year to the end of the month under report.
1. 2.	3.	4.	5.	6.	7.	8.	9.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
CIVIL-WORKS:							
I. Head-works.	8,83,13,000	~~8,38,45,279~~ 8,45,88,963	18,43,900	8,45,69,631	1,000	(-) 1,700	8,45,88,963 / 8,45,87,633
II. MAIN CANAL & BRANCHES.							
(i) Power Canal.	1,31,70,000	1,34,50,657	-	1,34,50,657	-	-	1,34,50,657 / 1,34,50,657
(ii) Low Level Canal.	7,42,00,000	~~7,50,20,165~~ 7,50,15,755	(-) 500	7,50,15,755	-	-	7,50,15,755 / 7,50,15,755
III. Distributaries.	4,90,000	~~5,02,736~~ 5,02,739	-	5,02,739	-	-	5,02,739 / 5,02,739
CIVIL-WORKS: High Level Canal. 5,98,00,000/- 44,59,100/- 5,53,40,900/- Add direct & Indirect charges. Tools & Plant.	5,53,40,900 (Excluding establishment and other indirect charges excepting Tools & Plant) 54,05,000/- 9,45,875/- 44,59,125/-	~~35,80,1087~~ 1,35,45,993	1,35,38,900	1,29,85,324	10,00,000	9,18,129	1,35,45,993 / 1,39,03,453

Shankaraiah 7.6.61
for Superintending Engineer,
(Irrigation Branch), T.B.Board,
Tungabhadra Damsite.P.O.Hospet.

7/6/61

EXPENDITURE STATEMENT FOR TUNGABHADRA HYDRO ELECTRIC SCHEME FOR THE MONTH OF MAY, 1961.

Progress Report Form.II.

Account No.	Name of Unit.	Estimated cost.	Expr. to end of last financial year 60-61 without supplementals	Budget allotment for the year 1961-62.	Expr. to end of previous months.	Programmed expr. during the month.	Actual exrp during the month of 5/61.	Total actual expr. during the months to end of the month under report.	REMARKS
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
	Dam Power House.								
D 10	Preliminary Survey Investigation and Engg.,	5,000	4,942	-		-		-	
20	Land and Water rights.	32,600	24,111			-		-	
40	Tungabhadra Dam ..	18,22,000	18,78,596			-		-	
140	Penstock Valves & accessories	6,37,000	6,35,096			-		-	
150	Power House building.	37,12,000	38,58,205		875		447	1322	
160	Power station generating unit & control equipment.	79,96,000	74,32,316	10,400		-		-	
170	Power station auxiliaries.	5,31,500	3,04,614		-		580	580	
180	Tail race & diversion works.	18,63,000	20,29,563		-		-	-	
190	Power House transformer yard.	21,26,500	19,24,083		-		278	278	
200	Pt.Rds,Bridges & culverts.	1,27,000	1,59,162		-		-	-	
210	Pt.local service lines for light power & telephones	41,300	37,354		-		-	-	
220	Permanent buildings.	5,26,600	4,29,669		-		-	-	
230	Pt.water supply sewage & fire protection system.	1,09,300	1,05,064		-		-	-	
240	Pt.Tools & equipment.	-	-		-		-	-	
040	Ty.Camps and buildings.	5,57,000	5,80,493		-		-	-	
	T O T A L.	2,00,86,800	1,94,01,268	10,400	875	--	1,305	2,180	

2		3.	4.	5.	6.	7.	8.	9.	10.
	CANAL POWER HOUSE. B/F.	2,00,86,800	1,94,01,268	10,400	875	--	1,305	2,180	
10	Preliminary survey investigation and Engg.	94,000	94,427		-		-	-	
20	Land and water rights.	3,43,300	2,99,398		-		(-)120	(-)120	
100	Forebay and intake.	66,60,000	60,23,693		565		803	1,368	
110	Canal Aqueducts.	44,08,500	40,91,600		-		-	-	
140A	Low Pressure Pipe line.	67,69,000	2,006 56,81,259		-		(-)2,031	(-)2,031	
140B	Penstock Valves & accessories		8,56,198				-	-	
150	Power House building.	29,66,000	30,00,190		-		-	-	
160	Power station generating unit and control equipment.	59,61,700	53,80,366		-		(-)200	(-)200	
170	Power station auxiliaries.	2,96,800	1,81,928				-	-	
180	Tail race & diversion works.	11,09,000	11,32,893		-		-	-	
190	Power House transformer yard.	12,96,800	11,22,523		-		-	-	
200	Pt.Rds,bridges & culverts.	1,86,000	1,89,071		-				
210	Pt.local service lines for light power & telephone.	4,91,000	1,43,850		-		2	2	
220	Permanent buildings.	10,13,413	10,19,272		-		-	-	
230	Pt.water supply sewage and fire protection system.	1,72,800	2,22,101		-		2	2	
240	Pt.tools & equipment.	55,000	5,488		-		-	-	
040	Temporary Camps & buildings.	3,63,300	3,64,301		-		-	-	
	T o t a l.	3,21,85,813	2,98,10,564		565		(-)1,544	(-)979	
	Total C. O.	5,22,72,613	4,92,11,832	10,400	1,440		(-)239	1,201	

Cont'd - 3 -

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
	C.TRANSMISSION LINES B/F.	5,22,72,613	4,92,11,832	10,400	1,440	--	(-)239	1,201	--
TB 410	Constn. of 66 KV DC lines from CPH to Bellary.	15,74,600	15,98,995		189		(-)2,216	(-)2,027	
470	-Ditto- D.P.H. to C.P.H.	8,98,200	7,22,950		-		-	-	
500	Telephone line from DPH to CPH.	67,000	45,406		-		-	-	
500A	-do- CPH to Bellary.	1,14,000	41,486		-				
	Transmission line in C.D.Scheme	12,81,000	-		-		-	-	
		39,34,800	24,08,837		189		(-)2,216	(-)2,027	
	'D Sub Station.								
TB 730	Extension to Bellary SS.	16,25,000	15,97,922		5		(-)37,790	(-)37,785	
	Sub Station under C.D.Scheme	15,21,000							
		5,93,53,413	5,32,18,591	10,400	1,634		(-)40,245	(-)38,611	
	1. Works 1st stage.	5,93,53,413	5,32,18,591	10,400	1,634		(-)40,245	(-)38,611	
	" IInd.stage.	82,27,000	31,05,956	52,49,300	10,647		22,563	33,210	
	1(a)Cost of English Stores.								
	2.Estt.& general charges 1st stage.	26,50,000	27,94,249	600	-		-	-	
	-Ditto- IInd.stage.	4,11,000	-	-	-		-	-	
	3.Tools and plant. ..	11,73,000	17,38,077	(-)6,50,000	(-)52		31,081	31,029	
	4.London Stores ..	-	-	-	-		-	-	
	5.Other suspense accounts. ..	-	28,08,166	(-)10,73,700	35,691		(-)40,061	(-)4,370	
	6.Receipt and recoveries. ..	(-)83,000	(-)6,35,328	(-)36,200	(-)2,630		(-)638	(-)3,268	
	TOTAL 81A CAPITAL OUTLAY. ..	7,14,31,413	6,30,29,711	35,00,400	45,290		(-)27,300	17,990	
	Deduct Mysore share 81A Capital Outlay	--	1,16,42,426	6,99,900	9,058		(-)5,460	3,598	
	NET ANDHRA SHARE -Ditto-	--	5,13,87,285	28,00,500	36,232		(-)21,840	14,392	
	XLI WORKING EXPENSES.		18,41,017	--	40,738		32,023	72,761	

for Superintending Engineer,
T&HES/T.B Dn.

PROGRAMME & PROGRESS CHART FOR MAY 1961.

.....

S.No.	Name of Work.	Total Quantity of work.	Quantity of work done
1.	Electrical.		
	(a) Dam Power House.	2 Units each having a capacity of 9000 KWs.	The two units are generating power.
	(b) Hampi Power House.	-Do-	-Do-
2.	Civil Works at Hampi.	IIIrd & IVth Penstocks at Hampi Camp.	Concreting alround the IIIrd & IVth penstocks is in progress. Total quantity of concrete laid is 485 Units. 20 Nos. of pipes are lowered in IVth penstock trench.

for SUPERINTENDING ENGINEER,
TUNGABHADRA HYDRO ELECTRIC SCHEME
TUNGABHADRA DAM.

SUBJECT ..... As at Sl. ante

.....

.....

Diary No. of letter replied to .....

Section

File No.

Mysore Government Secretariat,

Serial No.

( )

the *195* .

No. PWD 42 TMTB 6.

To

Date of issue .....

The Secy TB Board

TB. Dewn P.O.
Via Hospet-
Bellary Dist

Signed by .....

Sir,

I am directed to

refer to your letter No

PDL 5 TMI 61-7 dt 13/6/61

on addressed to the Secy

to Govt, Mnstry of IAS,

and a copy endorsed to

this Govt, on the above subject

and to state that in

Despatched in No. P.W.D.

Dated 24/7/61

..... t of enclosures .....

Copied by .....

Examined by .....

Programme and progress chart - The highly

well canal Scheme, it has been stated

that Reservoir discharge was regulated

to meet requirements below the Dam.

It is not possible to ascertain

the exact figures unless details of

the requirements are specified.

I am unable to answer you, kindly to

furnish a full account of water let

down with the details of utilization

for use with the [illegible]

GOVERNMENT OF MYSORE

No PWD 42 MTB 61.

MYSORE GOVERNMENT SECRETARIAT,
VIDHANA SOUDHA,

Dated, Bangalore, 24th July 196 1

FROM

The *Secretary to the Government of Mysore,*
Public Works Department.

To The Secretary,
Tungabhadra Board Dam
T.B.Dam P.O.
Via Hospet, Bellary District.

Sir,

Sub:-Periodical and returns monthly report due to Central Cabinet for 5/61--regarding.

I am directed to refer to your letter No.PDL 5/M.1 /61-7, dated 13-6-1961, addressed to the Secretary to Gover ment of India, Ministry of Irrigation & Power and a copy endorse to the Dovernment, on the above subject and to state that in the Programme and Progress Chart in TBxR. Tungabhadra High Level Canal Scheme, it has been stated that Reservoir discharge was regulated to meet requirements below the Dam. It is not possible to ascertain the ~~publication~~ justification for these issues unless details of the requirements are specified. I am therefore to request you kindly to furnish a full account of waters let down with the details of utilization for the information of the Government.

Yours faithfully,

C. J. Venkatesa Das

(C.J.VENKATESA DAS)
Deputy Secretary to Government.

MYSORE GOVERNMENT SECRETARIAT
NO. 7933
12 AUG 1961
PUBLIC WORKS MAJOR IRRIGATION BRANCH

TUNGABHADRA DAM,
(*via* HOSPET),
BELLARY DISTRICT,
MYSORE STATE.

Dated 18--8-- 1961.

Letter No.6219/B1/61--1

From
Shri G. N. Pathak,
S e c r e t a r y.

To
The Secretary to the Govt. of Mysore,
P.W. & E. Department, BANGALORE.

Sir,

Sub: Periodicals - Monthly report due to Central Cabinet for the month of 5/61 - Remarks - Regarding.

Ref: Your letter No. PWD 42 MIB 61 dated 24-7-1961.

-:oo:-

I am directed to invite a reference to your letter cited above and to state that the subject has got a bearing with the letting down of waters from the Tungabhadra Reservoir in the months of January, February, March and April 1961 for the purposes of growing second crop in the Krishna Delta. This subject was included as an item of Agenda for the First Meeting (1961-62), the details of which could be seen at pages 239 to 251 of that Agenda.

This subject has been further dealt with by you in your letter No. PWD 1 B.A 61 dated 14-7-1961 and this Board's letter No.1899/B1/61 dated 31-7-1961 addressed to you.

Yours faithfully,

18/8/61

(G.N.PATHAK)
SECRETARY, T.B.BOARD.

16

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

Dated 3/5/1963.

SECRETARY TO GOVERNMENT
No. 0 6/5
6 MAY 1963
PUBLIC WORKS & ELEC. DEPT.

LETTER NO. 8897/B1/62-18.

From

Shri G.N. Pathak,
Secretary, Tungabhadra Board.

To

The Chairman and the Members
of the Tungabhadra Board.

Sir,

Sub:- Irrigation - Krishna Delta - Second crop - Supply of water from the Tungabhadra Reservoir during the year 1962-63 - Reg.

Ref:- This Board's Letter No.8897/B1/62--14, dated 20-4-1963.

--:oo:--

In continuation of this Board's letter cited above, I am enclosing herewith a statement showing the details of water supply from the Tungabhadra Reservoir from the 8th April, 1963 to the 26th April, 1963 for your information.

Encl:- 1.

MYSORE GOVT. SECRETARIAT
No. 3502
7 MAY 1963
PUBLIC WORKS (MAJOR IRRIGATION)

Yours faithfully,

(G.N. PATHAK)
Secretary,
Tungabhadra Board.

cc: Shri B.K. Uppal, Deputy Secretary, Government of India Ministry of Irrigation and Power, New Delhi.

Encl:- 1.

Sastry/-3.5.

Submitted for perusal. ~~D Rao~~. This will be placed with the marked

12

Statement showing the details of water supply from the Tungabhadra Reservoir during 1963-1964.

Report for the period from: 16-4-1963 } i.e. for
To : 26-4-1963. } 11 days.

--:0:--

1. Reservoir level at the beginning of the period under report.	.. 1618.55	
2a) Total quantity of inflow in the Reservoir.	.. 2,053 M.Cft.	
b) Evaporation losses.	.. 867 M.Cft.	
3. Figures of outflow from the Reservoir under separate heads viz.,		
i) Irrigation under the Low Level Canal, and the left bank canal.		
a) L.L.C.	.. 1,570.	3,272 M.Cft.
b) L.B.C.	.. 1,702.	
ii) Water let down into the river by the generating stations on the either bank of the river.		
a) On right side.	.. 1,197.	3,005 M.Cft
b) On left side.	.. 1,808.	
iii) Water let down into the Raya and Basavanna Channel.	.. 334 M.Cft.	
iv) Water let down in the High sluice channel (left side).	.. 14 M.Cft.	
4. Water let down through under sluice in the river.	.. --	
b) Gundlakeri Escape.	.. 793 M. 211 M.Cft.	
5. Water let down into the river specially for growing a second crop in the Krishna Delta on receipt of the request either from the Superintending Engineer, Vijayawada or from the Chief Engineer, Irrigation, Andhra Pradesh.	.. 793 M.Cft.	
6. The reservoir level at the end of the period under report.	.. 1617.10.	
7. The Reservoir level at the end of the period as per the working table prepared by the Chief Engineers at their meeting held at Hyderabad on the 20th February, 1963.	.. 1615.44.	
8. Cumulative total for the quantity allowed for growing second crop in Krishna Delta, over the spillway.	.. 8,994 M.Cft.	

Remarks:- Total water let into the river (from all sources). .. 13.13 T.M.C.

The spillway is closed from 26th morning (6 A.M.).

K. Varadachary

Superintending Engineer, 21/
Irrigation Branch, Tungabhadra Board.

19

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

Dated 8—3— 1963.

Memo No.8897/M1/62—4.

Sub: Irrigation - Krishna Delta - Second crop - Supply of water from the Tungabhadra Reservoir during the year 1962-63 - Regarding.

-:oo:-

The Irrigation Adviser and Consulting Engineer to the Government of Andhra Pradesh requested the Tungabhadra Board in his letter No. CE/IAC/62 dated 7-11-1962 to let down waters from the Tungabhadra Reservoir for growing a second crop in the Krishna Delta during the year 1962-63 subject to the same terms and conditions stipulated in the previous years. The Board decided at its Third Meeting (1962-63) that the Chief Engineer, Irrigation Branch, Tungabhadra Board might be requested to convene a Meeting of the Chief Engineers (Irrigation and Power) of the Governments of Andhra Pradesh and Mysore to determine the surplus water that could be released from the Tungabhadra Reservoir for growing a second crop in the Krishna Delta during the year 1963 keeping in view the needs of both Irrigation and Power under the Tungabhadra Project. It was also decided by the Board that the views of the Chief Engineers in the matter might be placed before it at its next Meeting.

In the Chief Engineer, Irrigation Branch, Tungabhadra Board convened a Meeting of the Chief Engineers (Irrigation and Power) of the Governments of Andhra Pradesh and Mysore at Hyderabad on the 20th February 1963. From the proceedings of the conference of the Chief Engineers, it is seen that a unanimous conclusion could be reached at that conference except that the Chief Engineer, Hydro Electric Construction Projects, Mysore desired that the reservoir level should be maintained at 1609 on the 1st July 1963, so that maximum power could be generated by him. The Chief Engineers, however, agreed that the requirements of Andhra Pradesh for irrigation under the low level Canal could be met with from the period from 15th February 1963 to 15th April 1963.

2. The Tungabhadra Board had decided at its Fourth Meeting (1961-62) that the Tungabhadra Reservoir should be maintained at 1607 during the year 1962 and that, actually, the reservoir never went down below 1610.30 during that year. In about 1.6 lakh acres of land are under irrigation in the Krishna Delta under the second crop during the year 1963 and if water is not supplied to the crop for the coming five weeks, there will be a loss in production of 80,000 tons of paddy, more so when there is a shortage of food in the country and the country is passing through the period of emergency. The Board, therefore, felt that normal power under the Tungabhadra Project would be met with to a very great extent if the reservoir level were to be maintained at 1609 on the 20th May 1963.

contd.....2

. The Board therefore decided at its Fourth Meeting 1962-63) that —

(a) the reservoir level be maintained at 1609 on the 20th May 1963;

(b) the extra quantity of about 12 to 14 T.M.C.ft. of water, over and above the water to be let down in the river through the power stations, be let down in the river bed from 8th March 1963 to 15th April 1963 in such quantity and for such periods as may suit the requirements of Andhra Pradesh. It would be for them to decide whether they would take the supply in smaller doses for longer period or bigger doses for shorter periods according to their requirements.

5. The Board also decided that the supply of water from the Tungabhadra Reservoir for growing a second crop in the Krishna Delta would be subject to the following two conditions on which water has been released by the Tungabhadra Board for the last nine years:—

(i) The Government of Andhra Pradesh would pay charges for the waters utilised by them as in previous years;

(ii) This would not be treated as a precedent for getting the supply of water from the Tungabhadra Reservoir in future for growing a second crop in the Krishna Delta and would not create any claims or rights, whatsoever.

8/2/63

(O. . PATHAK)
SECRETARY, T.B.BOARD.

To
The Chief Engineer,
Irrigation Branch.

cc: i) the Chief Engineer, Irrigation, Andhra Pradesh, Hyderabad
ii) the Chief Engineer for Electricity, Tungabhadra Board, Hyderabad.
iii) the Chief Engineer, Hydro Electric Construction Projects, Bangalore.
iv) the Chief Engineer, Mysore State Electricity Board, Bangalore.
v) the Superintending Engineer, Irrigation Branch, Tungabhadra Board.
vi) the Superintending Engineer, Hydro Electric Scheme.
vii) the Superintending Engineer, Hydro Electric Construction Projects, Munirabad.
viii) the Superintending Engineer, Vijayawada Circle, Vijayawada.

21

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

Dated 20--3-- 1963.

Letter No.8897/B1/62--8

PUBLIC WORKS DEPT. MYSORE GOVT. No. 2237

From

Shri G. N. Pathak,
S e c r e t a r y.

To

The Chairman and the Members ✓
of the Tungabhadra Board.

538

Sir,

Sub: Irrigation - Krishna Delta - Second crop - Supply of water from the Tungabhadra Reservoir during the year 1962-63 - Regarding.

-:oo:-

DS(9)
SECRETARY TO GOVERNMENT
T 762
12 MAR 1963
PUBLIC WORKS & ELEC. DEPT.

It has been decided by the Board to release water from the Tungabhadra Reservoir for growing a second crop in the Krishna Delta during the summer of 1963 subject to the certain conditions stipulated in the Resolution No.45, Index No.IV/I-A-2 of the Minutes of the Proceedings of the Fourth Meeting (1962-63).

2. I am enclosing herewith a statement showing the details of water supplied from the Tungabhadra Reservoir from 10th March 1963 to 16th March 1963 for your information.

Encl: 1

Yours faithfully,

(G.N.PATHAK) 20/3/63
SECRETARY, T.B.BOARD.

cc: together with a copy of the statement is forwarded to Shri B.K.Uppal, Deputy Secretary, Government of India, Ministry of I & P, New Delhi.

Encl: 1

GOVERNMENT SECRETARIAT
1411
29 MAR 1963

Submitted for perusal
This will be placed
in file No 20.1.126,
Orders to be
obtained for perusal

25/3/63

D.S.(I.)

Statement showing the details of water supply from the Tungabhadra Reservoir during 1962-63.

Report for the period from 10-3-1963 to 16-3-1963 | i.e. for
6 A.M. 6 A.M. | 6 days.

---

1. Reservoir level at the beginning of the period under report. 1625.55

2. (a) Total quantity of inflow in the Reservoir. .. .. 1009 M.Cft.

   (b) Evaporation losses. .. .. 606 M.cft.

3. Figures of outflow from the Reservoir under separate heads viz.,

	L.L.C.	L.B.C.	Total.
(i) Irrigation under the Low Level Canal, and the left Bank Canal.	953 Mcft.	542 Mcft.	1495Mcf

	Right side.	Left side	
(ii) Water let down into the river by the generating stations on the either bank of the river.	136 Mcft.	378 Mcft.	514Mcf

(iii) Water let down into the Raya and Basavanna Channel. .. .. 212 Mcft

(iv) Water let down in the High sluice channel(left side). .. .. 11 MCft

4. Water let down through under sluice in the river. .. .. Nil.

   (b) Gundlakeri escape. .. .. 183 MCft

5. Water let down into the river specially for growing a second crop in the Krishna Delta on receipt of the request either from the Superintending Engineer, Vijayawada or from the Chief Engineer, Irrigation, Andhra Pradesh. | Discharge from the spill way i.e. 1131 C/s. to 3165 C/s. | 1273 MCft

6. The reservoir level at the end of the period under report. 1624.50

7. The Reservoir level at the end of the period as per the working table prepared by the Chief Engineers at their Meeting held at Hyderabad on the 20th February, 1963. .. .. 1622.80

R E M A R K S:- The work of special repairs to the Hosur Anicut below the Dam is in progress. Hence, more than 3,900 cusecs from the spillway cannot be let down.

Sd/- K.Varadacharyulu
Superintending Engineer
Irrigation Branch
Tungabhadra Board

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

Dated 25---3--- 1963.

Letter No.8897/B1/62--9.

From

Shri G. N. Pathak,
Secretary.

To

The Chairman and the Members
of the Tungabhadra Board.

Sir,

Sub: Irrigation - Krishna Delta - Second crop - Supply of water from the Tungabhadra Reservoir during the year 1962-63 - Regarding.

Ref: This Board's letter No.~~20-3-1~~ 8897/B1/62--8 dated 20-3-1963.

-:oo:-

In continuation of this Board's letter cited above, I am enclosing herewith a statement showing the details of water supply from the Tungabhadra Reservoir from the 16th March to the 23rd March 1963 for your information.

Encl:

Yours faithfully,

(G. N. PATHAK)
SECRETARY, T.B.BOARD.

cc: Shri D.K.Uppal, Deputy Secretary, Government of India, Ministry of I & P, New Delhi.

Encl: 1

Submitted for perusal.
They will be discussed with
many folks.
May also be discussed
with O.S.

O.S.

D.E.(I.)

24

Statement showing the details of water supply from the Tungabhadra Reservoir during 1963-1964.

Report for the period from: 16-3-1963 (6 A.M.) to 23-3-63(6A.M.) i.e. for 7 days.

--:0:--

1. Reservoir level at the beginning of the period under report.		+1624.80
2a) Total quantity of inflow in the Reservoir.		844 M.C.ft.
b) Evaporation losses.	..	662 M.C.ft.
3. Figures of outflow from the Reservoir under separate heads viz.,		
i) Irrigation under the Low Level Canal, and the left bank canal.		
a) L.L.C.	..	867 M.C.ft. | Total +1,876
b) L.B.C.	..	908 M.C.ft. | M.C.ft.
ii) Water let down into the river by the generating stations on the either bank of the river.		
a) On right side.	..	173 M.C.ft. | Total=873
b) On left side.	..	401 M.C.ft. | M.C.ft.
iii) Water let down into the Raya and Basavanna Channel.	..	812 M.C.ft.
iv) Water let down in the High sluice channel (left side).	..	18 M.C.ft.
4. Water let down through under sluice in the river.	..	---
b) Gundlakeri Escape.	..	168 M.C.ft.
5. Water let down into the river specially for growing a second crop in the Krishna Delta on receipt of the request either from the Superintending Engineer, Vijayawada or from the Chief Engineer, Irrigation, Andhra Pradesh.		Discharge from the spill-way is 2094 C/s. to 2872 C/s. | 1808 M.C.ft.
6. The reservoir level at the end of the period under report.		+1628.10
7. The Reservoir level at the end of the period as per the working table prepared by the Chief Engineers at their meeting held at Hyderabad on the 20th February, 1963.		+1621.60.
8. Cumulative total for the quantity allowed for growing second crop in Krishna Delta.	..	2082 M.Cft.

Remarks:- The work of special repairs to the Kowur Anicut below the Dam is in progress. Hence, more than 2,200 cusec from the spillway cannot be let down.

K Varadachary
Superintending Engineer, 23/3/63
Irrigation Branch, Tungabhadra Board.

Achar:20-3-63.

***

25

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

Dated 8/4/1963. 195 .

LETTER NO. 8897/B1/62-12.

From

Shri G.N. Pathak,
Secretary, Tungabhadra Board.

SECRETARY TO GOVERNMENT
No T 920
11 APR 1963
IRR & ELEC. DEPT

To

The Chairman and the Members
of the Tungabhadra Board.

Sir,

Sub:- Irrigation - Krishna Delta - Second crop - Supply of water from the Tungabhadra Reservoir during the year 1962-63 - Regarding.

Ref:- This Board's letter No.8897/B1/62-9 dated 25-3-1963.

--:oo:--

In continuation of this Board's letter cited above, I am enclosing herewith a statement showing the details of water supply from the Tungabhadra Reservoir from the 23rd March to the 1st April, 1963 for your information.

Encl:- 1.

MYSORE GOVT. SECRETARIAT
No 2782
8 APR 1963
PUBLIC WORKS (MAJOR IRRIGATION)

Yours faithfully,

(G.N. PATHAK 8/4/63
SECRETARY,
TUNGABHADRA BOARD.

8/4/63

cc: Shri B.K. Uppal, Deputy Secretary, Government of India, Ministry of Irrigation and Power, New Delhi.

Encl:- 1.

SECRETARIAT
1774
8 APR 1963
(MAJOR IRRIGATION)

Sastry/

submitted for perusal.
This will be placed in the next file No PWD 26 IRR 61
Papers be returned to ID

16/4/63

16/4/63

U/S

DS(CR)

11/4

Statement showing the details of water supply from the Tungabhadra Reservoir during 1963-1964.

Report for the period from: 23-3-1963 (6 A.M.) to 1-4-1963 (6 A.M.). | That is for 9 d a y s.

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1. Reservoir level at the beginning of the period under report.	..	+1623.10.	
2a) Total quantity of inflow in the Reservoir.	..	1,061 M.Cft.	
b) Evaporation losses.	..	766 M.Cft.	
3. Figures of outflow from the Reservoir under separate heads viz.,			
i) Irrigation under the Low Level Canal, and the left bank canal.			
a) L.L.C.		..1250M.Cft.	Total 2463 M.Cft.
b) L.B.C.		..1213M.Cft.	
ii) Water let down into the river by the generating stations on the either bank of the river.			
a) On right side.	..	..249 M.Cft.	Total 617 M.Cft.
b) On left side.	..	..368 M.Cft.	
iii) Water let down into the Raya and Basavanna Channel.	..	.. 273 M.Cft.	
iv) Water let down in the High sluice channel (left side).	..	.. 16 M.Cft.	
4. Water let down through under sluice in the river.	..	.. --	
b) Gundlakeri Escape.	..	.. 218 M.Cft.	
5. Water let down into the river specially for growing a second crop in the Krishna Delta on receipt of the request either from the Superintending Engineer, Vijayawada or from the Chief Engineer, Irrigation, Andhra Pradesh.		Discharge from the spillway ranged between 2,836 C/s to 3,182 C/s.	2,350 M.Cft.
6. The reservoir level at the end of the period under report.	.. ..	+ 1621.25.	
7. The Reservoir level at the end of the period as per the working table prepared by the Chief Engineers at their meeting held at Hyderabad on the 20th February, 1963.	.. ..	+ 1620.39.	
8. Cumulative total for the quantity allowed for growing second crop in Krishna Delta.	.. ..	5,432 M.Cft.	

R. Remarks: The work of special repairs to the Hosur anicut below the Dam is in progress. Hence, more than 3,200 Cusecs from the spillway cannot be let down.

K. Varadachari 1-4-63

Superintending Engineer,
Irrigation Branch, Tungabhadra Board.

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27

TUNGABHADRA DAM
(*via* HOSPET) BELLARY DISTRICT,
MYSORE STATE

Dated 11/4/1963. 195 .

LETTER NO. 3897/B1/62--13.

From

Shri G.N. Pathak,
Secretary, Tungabhadra Board.

To

The Chairman and the Members ✓
of the Tungabhadra Board.

Sir,

Sub:- Irrigation - Krishna Delta - Second crop - Supply of water from the Tungabhadra Reservoir during the year 1962-63 - Reg.

Ref:- This Board's letter No.3897/B1/62--12, dated 8-4-1963.

--:oo:--

In continuation of this Board's letter cited above, I am enclosing herewith a statement showing the details of water supply from the Tungabhadra Reservoir from the 1st April, 1963 to 8th April, 1963 for your information.

Encl:- 1.

Yours faithfully,

(G.N. PATHAK 11/4/63
Secretary,
Tungabhadra Board.

B 11/4/63

VRB
16/4/63

cc: Shri B.K. Uppal, Deputy Secretary, Government of India, Ministry of Irrigation and Power, New Delhi.

Encl:- 1.

MYSORE GOVT. SECRETARIAT
No. 2819
16 APR 1963
PUBLIC WORKS (MAJOR IRRIGATION)

Secretary/-11.4.

Submitted please.
The DM is planning to
meet the N.Pj 26/4

16/4/63

18/4/63

Statement showing the details of water supply from the Tungabhadra Reservoir during 1963-1964.

Report for the period from: 1-4-1963 (6 A.M.) } i.e. for
To : 8-4-1963 (6 A.M) } 7 days.

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1. Reservoir level at the beginning of the period under report.	.. + 1621.25.	
2a) Total quantity of inflow in the Reservoir.	.. 1874 M.Cft.	
b) Evaporation losses.	.. 559 M.Cft.	
3. Figures of outflow from the Reservoir under separate heads viz.,		
i) Irrigation under the Low Level Canal, and the left bank canal.		
a) L.L.C.	.. 999 M.C.ft.	Total 2,043 M.Cft
b) L.B.C.	..1044 M.C.ft.	
ii) Water let down into the river by the generating stations on the either bank of the river.		
a) On right side.	.. 181 M.C.ft.	Total 430 M.Cft.
b) On left side.	.. 249 M.C.ft.	
iii) Water let down into the Raya and Basavanna Channel.	.. 212 M.C.ft.	
iv) Water let down in the High sluice channel (left side).	.. 12 M.C.ft.	
4. Water let down through under sluice in the river.	.. --	
b) Gundlakeri Escape.	.. 134 M.C.ft.	
5. Water let down into the river specially for growing a second crop in the Krishna Delta on receipt of the request either from the Superintending Engineer, Vijayawada or from the Chief Engineer, Irrigation, Andhra Pradesh.	Discharge from the Spillway ranged between 2,212 to 3,327 Cusecs.	1,557 M.C.ft.
6. The reservoir level at the end of the period under report.	.. + 1620.20.	
7. The Reservoir level at the end of the period as per the working table prepared by the Chief Engineers at their meeting held at Hyderabad on the 20th February, 1963.	.. + 1619.10.	
8. Cumulative total for the quantity allowed for growing second crop in Krishna Delta.	.. 6.989 M.C.ft.	

Remarks:-

K. Varadachary 8/4/63
11/4 Superintending Engineer,
Irrigation Branch, Tungabhadra Board.

Achar: 20-3-63.

SECRETARY TO GOVERNMENT
No T 1022
22 APR 1963
PUBLIC WORKS & ELEC. DEPT.

29

TUNGABHADRA DAM,
(*via* HOSPET),
BELLARY DISTRICT,
MYSORE STATE.

Dated 20-4-63

Letter No. 8897/B1/62-14.

MYSORE GOVT. SECRETARIAT
No. 3124
25 APR 1963
PUBLIC WORKS (MAJOR IRRIGATION)

From

Shri G . N. Pathak,
Secretary.

To

The Chairman and the Members
of the Tungabhadra Board.

Sir,

Sub:-Irrigation--Krishna Delta--Second Crop --Supply of water from the Tungabhadra Reservoir during the year 1962-63--Reg.

Ref:-This Board's letter No. 8897/B1/13 dated 11-4-1963.

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In continuation of this Board's letter cited above, I am enclosing herewith a statement showing the details of water supply from the Tungabhadra Reservoir from the 8th April, 1963 to the 15th April 1963 for your information.

Encl:-1

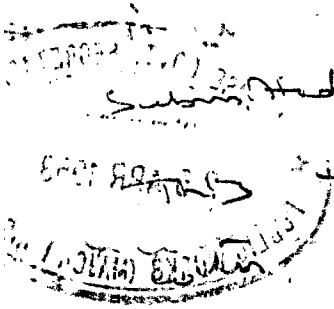
SECRETARIAT
1847
23 APR 1963
IRRIGATION SECTION

Yours faithfully,

Secretary,
Tungabhadra Board.

cc:- Shri B. K. Uppal, Deputy Secretary, Government of India, Ministry of Irrigation and Power, New Delhi.

S.a.r. 20/4.



Submitted for perusal

and has been placed

on the main file.

26/4/62

26/4/62

Statement showing the details of water supply from the Tungabhadra Reservoir during 1963-1964.

Report for the period from:

8-4-1963 (6 A.M.) { i.e. for
To : 15-4-1963 (6A.M.) { seven da

:0:

1. Reservoir level at the beginning of the period under report.	..1620.20.	
2a) Total quantity of inflow in the Reservoir.	.. 604 M.C.ft.	
b) Evaporation losses.	.. 656 M.C.ft.	
3. Figures of outflow from the Reservoir under separate heads viz.,		
i) Irrigation under the Low Level Canal, and the left bank canal.		
a) L.L.C.	.. 998 M.C.ft.	Total 2042 M.C.ft.
b) L.B.C.	..1044 M.C.ft.	
ii) Water let down into the river by the generating stations on the either bank of the river.		
a) On right side.	.. 161 M.C.ft.	463 M.
b) On left side.	.. 302 M.C.ft.	
iii) Water let down into the Raya and Basavanna Channel.	.. 212 M.C.ft.	
iv) Water let down in the High sluice channel (left side).	.. 10 M.C.ft.	
4. Water let down through under sluice in the river.	.. --	
b) Gundlakeri Escape.	.. 145 M.C.ft.	
5. Water let down into the river specially for growing a second crop in the Krishna Delta on receipt of the request either from the Superintending Engineer, Vijayawada or from the Chief Engineer, Irrigation, Andhra Pradesh.	Discharge from the spillway ranged between 2165 cusecs to 1300 cusecs.	1212 M.C.ft.
6. The reservoir level at the end of the period under report.	.. * 1618.70.	
7. The Reservoir level at the end of the period as per the working table prepared by the Chief Engineers at their meeting held at Hyderabad on the 20th February, 1963.	.. * 1617.69.	
8. Cumulative total for the quantity allowed for growing second crop in Krishna Delta, over the spillway.	.. 8,201 M.C.ft.	
	Grand total let into the river todate.	11.6 T.M.C.

Remarks:-

The work of special repairs to the Hosur anicut below the Dam is in progress. Hence, spillway discharges are regulated suitably.

K. Ramachandra Murthy
15/4/63

Superintending Engineer,
Irrigation Branch, Tungabhadra Board.